

Title (en)

Recording paper, ink-jet recording process and recording system making use of the recording paper.

Title (de)

Aufzeichnungspapier, Tintenstrahlaufzeichnungsverfahren und Aufzeichnungssystem unter Verwendung des Aufzeichnungspapiers.

Title (fr)

Papier d'enregistrement, procédé d'enregistrement à jet d'encre et système d'enregistrement utilisant le papier d'enregistrement.

Publication

EP 0678396 A1 19951025 (EN)

Application

EP 95102417 A 19950221

Priority

- JP 3700494 A 19940308
- JP 3700594 A 19940308
- JP 3700694 A 19940308

Abstract (en)

A recording paper comprising pulp fibers and a filler has a surface where pulp fibers bared to the surface and pulp fibers covered with particles are present together in portions. The quantity of ink transfer at a minimum ink-shoot time interval for adjacent dots with different colors as measured by the Bristow's test method is not smaller than a maximum shot-in ink quantity per unit area of recording system used.

IPC 1-7

B41M 5/00; **B41J 2/21**; **C09D 11/02**; **D21H 17/67**

IPC 8 full level

B41J 2/21 (2006.01); **B41M 1/36** (2006.01); **B41M 5/00** (2006.01); **D21H 19/68** (2006.01)

CPC (source: EP KR US)

B41J 2/2132 (2013.01 - EP US); **B41M 5/0035** (2013.01 - EP US); **B41M 5/502** (2013.01 - EP US); **B41M 5/508** (2013.01 - EP US); **B41M 5/52** (2013.01 - EP US); **B41M 5/5218** (2013.01 - KR); **D21H 19/68** (2013.01 - EP US); **B41J 2/2132** (2013.01 - KR); **B41M 5/0035** (2013.01 - KR); **B41M 5/508** (2013.01 - KR); **B41M 5/5218** (2013.01 - EP US); **B41M 5/5254** (2013.01 - EP KR US); **D21H 19/68** (2013.01 - KR); **Y10T 428/24893** (2015.01 - EP US)

Citation (search report)

- [A] EP 0411638 A1 19910206 - CANON KK [JP]
- [DA] DE 3330420 A1 19840223 - CANON KK [JP]
- [A] EP 0495591 A1 19920722 - JUJO PAPER CO LTD [JP]
- [A] DE 3626567 A1 19870212 - CANON KK [JP]
- [DA] EP 0317046 A1 19890524 - CANON KK [JP]

Cited by

EP0925919A3; EP1650044A4; EP1270247A4; WO2005002867A1; US6533409B2; US6786587B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0678396 A1 19951025; **EP 0678396 B1 19990811**; AT E183143 T1 19990815; CA 2144015 A1 19950909; CA 2144015 C 19990720; CN 1057045 C 20001004; CN 1120497 A 19960417; DE 69511311 D1 19990916; DE 69511311 T2 20000413; KR 0136683 B1 19980424; KR 950026695 A 19951016; SG 64349 A1 19990427; US 5591514 A 19970107; US 5939210 A 19990817

DOCDB simple family (application)

EP 95102417 A 19950221; AT 95102417 T 19950221; CA 2144015 A 19950306; CN 95104045 A 19950307; DE 69511311 T 19950221; KR 19950004569 A 19950307; SG 1996006617 A 19950221; US 39876495 A 19950306; US 72044996 A 19960930